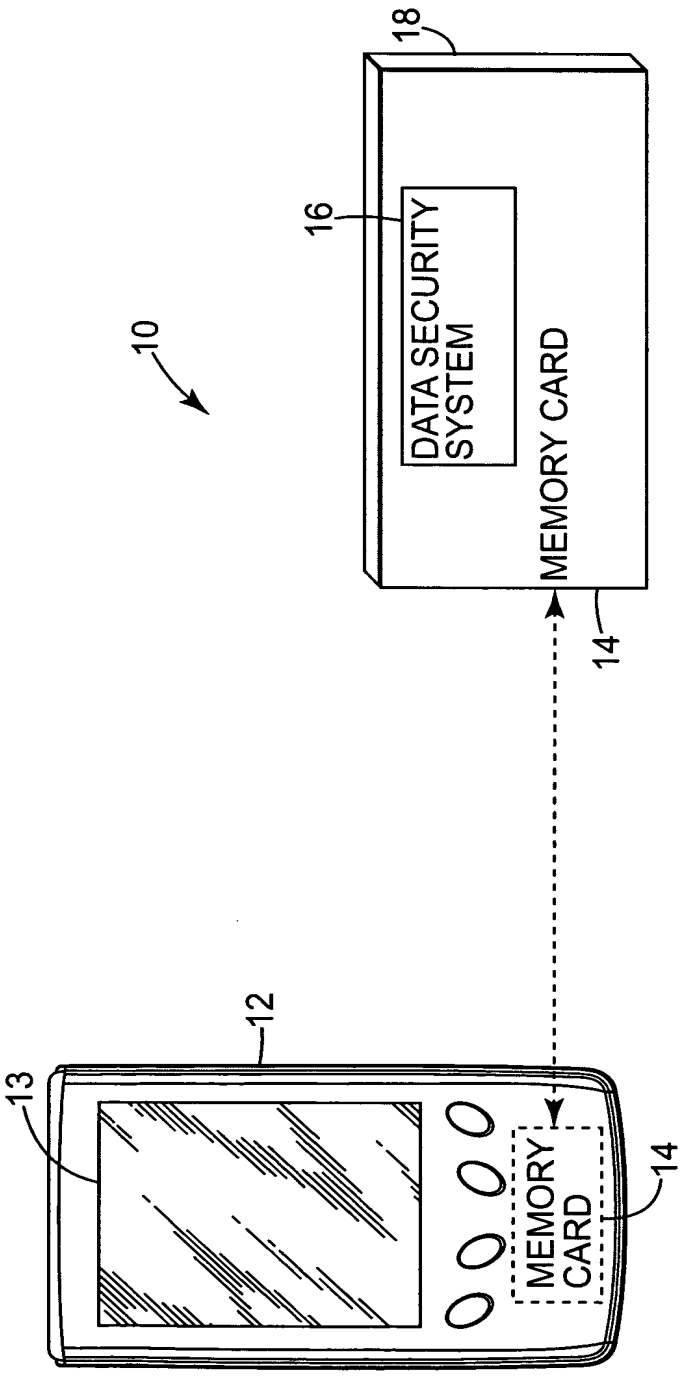
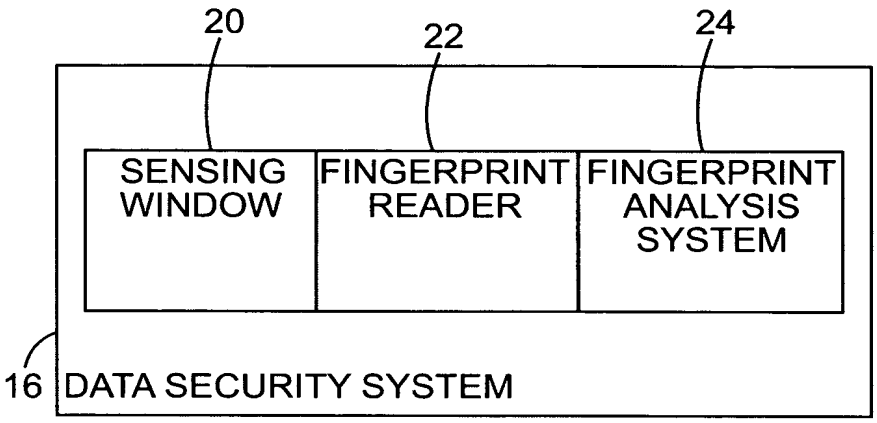

18
16
DATA SECURITY SYSTEM
MEMORY CARD
10
14
12
13
MEMORY CARD
14

Fig. 1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22
24
SENSING WINDOW
FINGERPRINT READER
FINGERPRINT ANALYSIS SYSTEM
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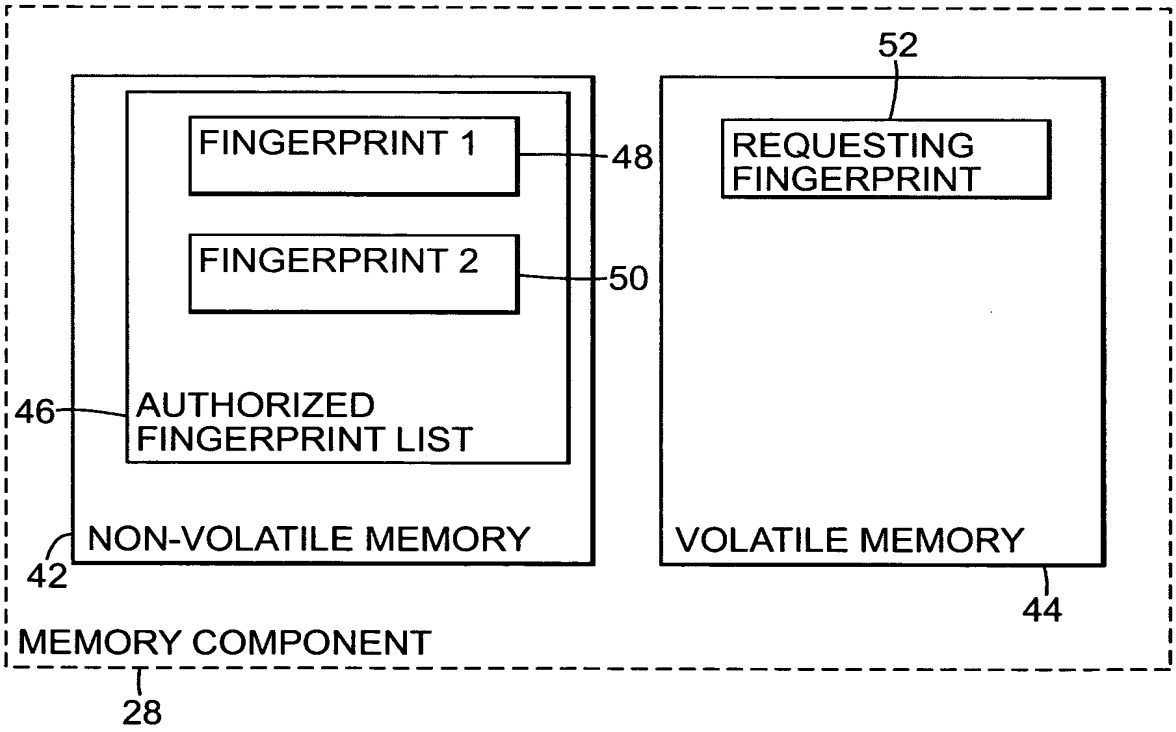
DATA SECURITY SYSTEM

Fig. 2


52
FINGERPRINT 1
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FINGERPRINT 2
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46
AUTHORIZED FINGERPRINT LIST
NON-VOLATILE MEMORY
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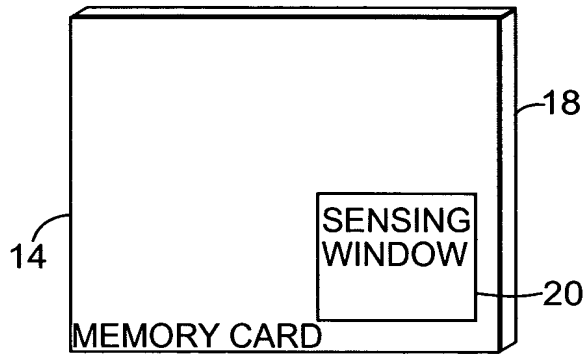
Fig. 6



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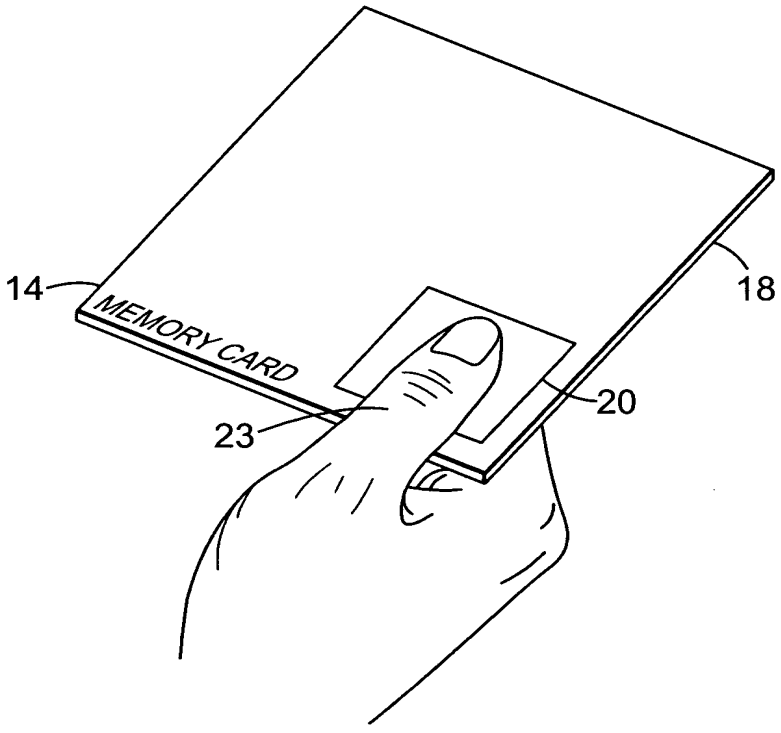

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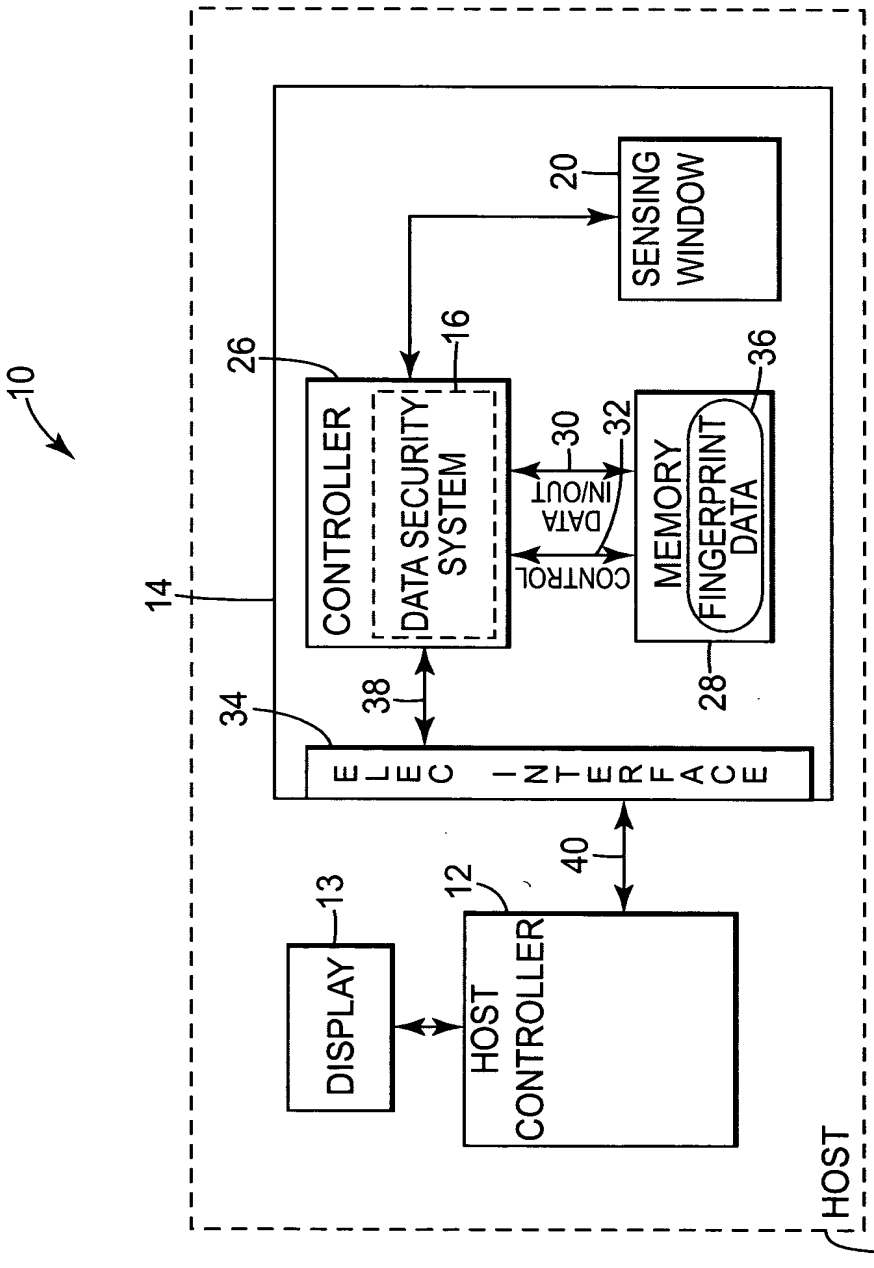
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HOST
12
DISPLAY
13
HOST CONTROLLER
12
40
ELEC – INTERFACE
34
38
CONTROLLER
26
DATA SECURITY SYSTEM
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14
DATA IN/OUT
30
CONTROL
32
MEMORY FINGERPRINT DATA
36
28
SENSING WINDOW
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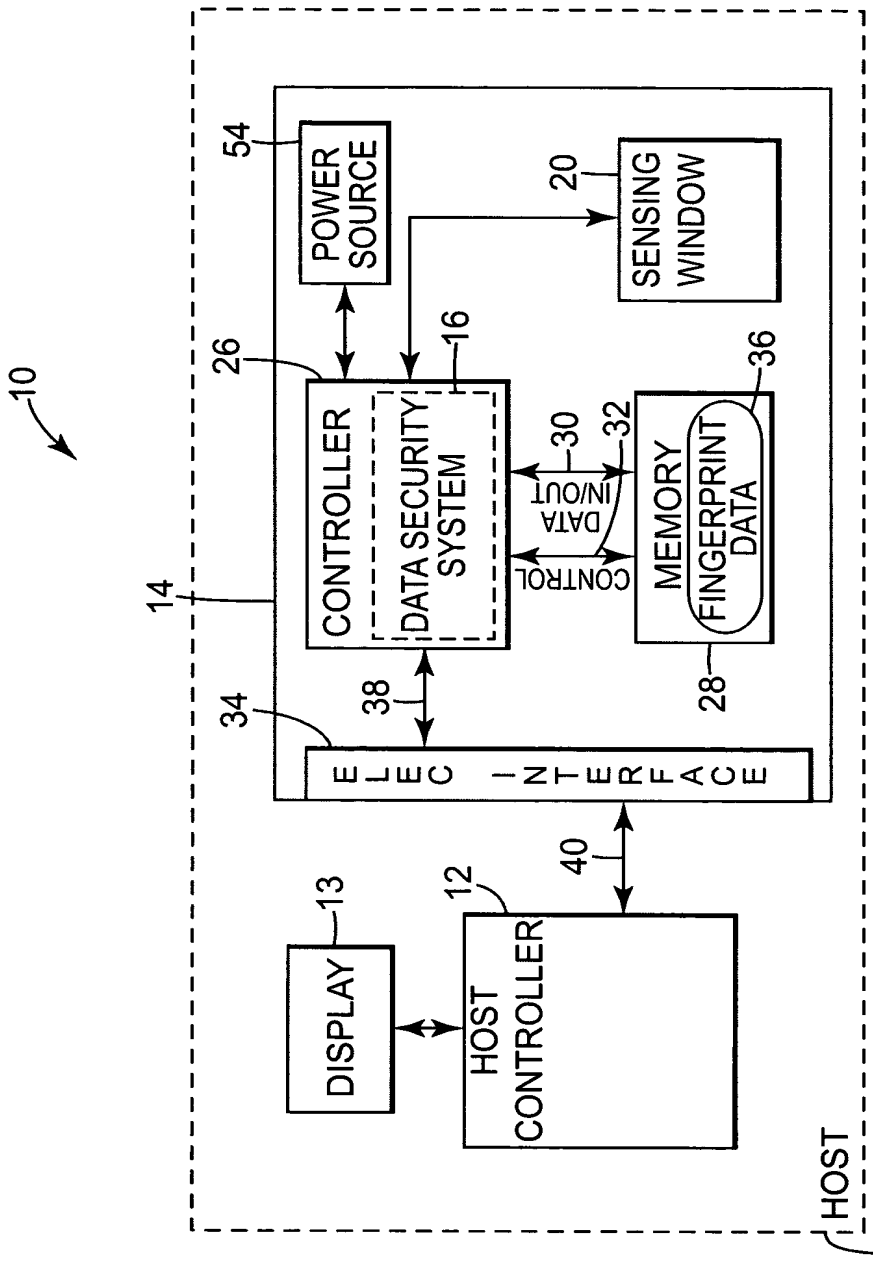
Fig. 5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POWER SOURCE
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SENSING WINDOW
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CONTROLLER
DATA SECURITY SYSTEM
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DATA IN/OUT
CONTROL
MEMORY
FINGERPRINT DATA
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34
ELEC INTERFACE
40
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13
DISPLAY
HOST CONTROLLER
HOST
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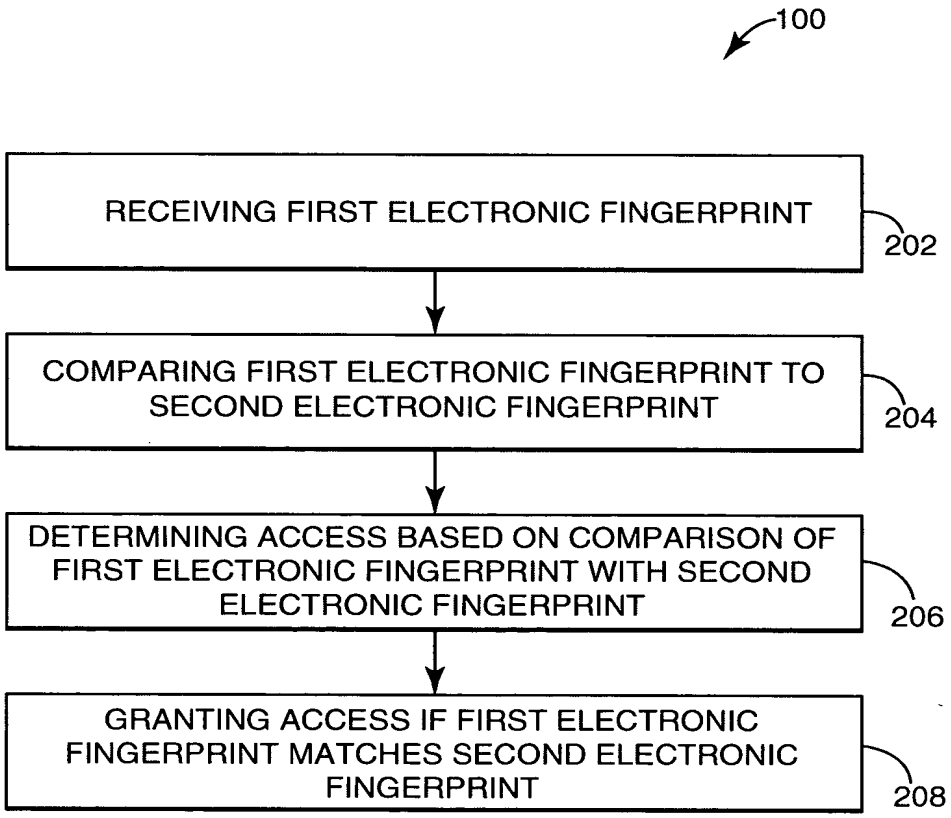
Fig. 7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RECEIVING FIRST ELECTRONIC FINGERPRINT
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COMPARING FIRST ELECTRONIC FINGERPRINT TO SECOND ELECTRONIC FINGERPRINT
204
DETERMINING ACCESS BASED ON COMPARISON OF FIRST ELECTRONIC FINGERPRINT WITH SECOND ELECTRONIC FINGERPRINT
206
GRANTING ACCESS IF FIRST ELECTRONIC FINGERPRINT MATCHES SECOND ELECTRONIC FINGERPRINT
208

Fig. 8